



AVAILABLE ATTACHMENTS & ACCESSORIES**Accessories**

103942147	CS Carry Bag
89850308032	Blade Cover - 4.5 x 17in.
99988800207	CS Removable Nose Case

Guide Bars

12A0CD3745	Guide Bar - 12"
14A0CD3752	Guide Bar - 14"

Sawing Chains

91VG45G	Chain - 12"
91VG52G	Chain - 14"

PARTS CATALOG
CS-280E CHAIN SAW**27.9cc**

MODEL: SERIAL NUMBERS

CS-280E: S/N 0000001 - 0055489

ECHO, INCORPORATED

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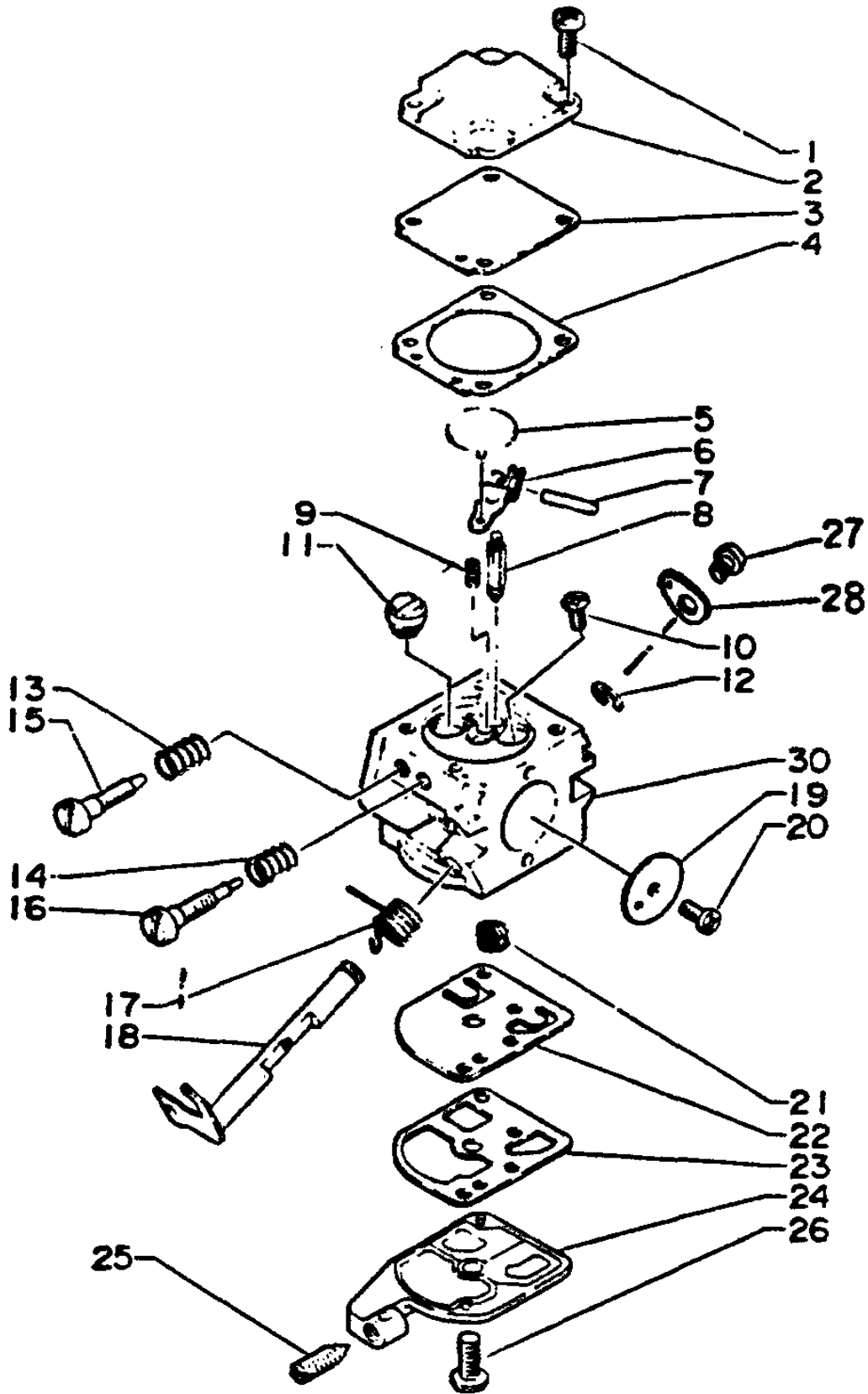
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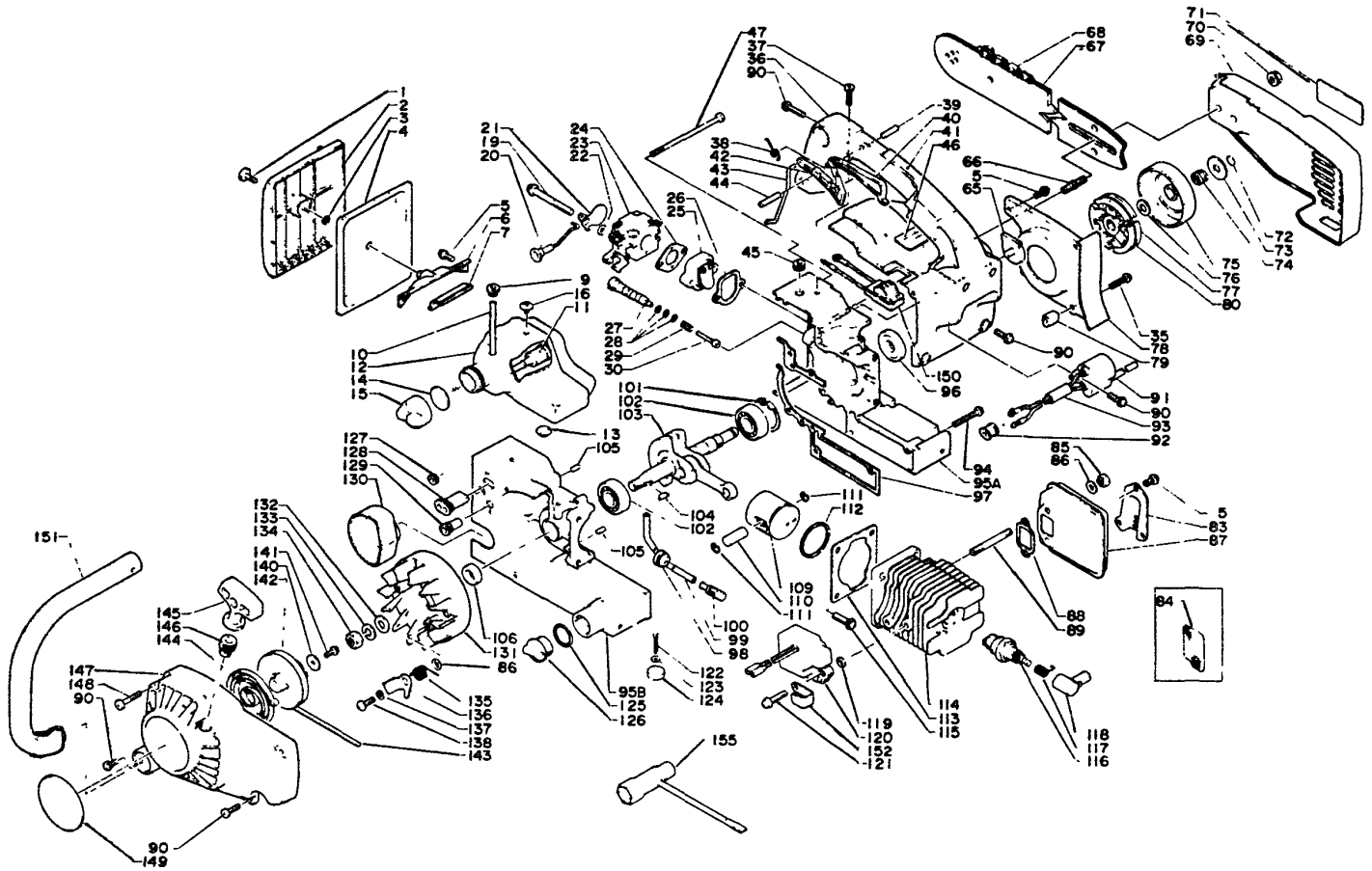
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ITEM	PART NUMBER	QTY	DESCRIPTION	REMARKS
	12520013930	1	Carburetor ass'y	Consisting of 1 thru 28
1	12534413930	4	Screw	
2	12534213930	1	Cover, diaphragm	
3		1	Diaphragm	Included in Repair Kit P/N 12530015130 & Gasket, Diaphragm Kit P/N 12530115131
4		1	Gasket, diaphragm	Included in Repair Kit P/N 12530015130 & Gasket, Diaphragm Kit P/N 12530115131
5	12537513930	1	Disc	
6		1	Valve arm	Included in Repair Kit P/N 12530015130
7		1	Arm pin	Included in Repair Kit P/N 12530015130
8		1	Needle valve	Included in Repair Kit P/N 12530015130
9		1	Coil spring	Included in Repair Kit P/N 12530015130
10	12533913930	1	Screw	
11	12537613930	1	Orifice, main fuel	Included in Repair Kit P/N 12530015130
12	12532713930	1	Clip	
13	12531913930	2	Coil spring	
14	12531913930	1	Coil spring	
15	12532013930	1	Needle, high speed	
16	12531813930	1	Needle, idle	
17	12531313930	1	Return spring, throttle	
18	12531713931	1	Throttle shaft	
19	12531613930	1	Throttle shutter	
20		1	Screw	Included in Repair Kit P/N 12530015130
21		1	Screen	Included in Repair Kit P/N 12530015130
22		1	Diaphragm, fuel pump	Included in Repair Kit P/N 12530015130 & Gasket, Diaphragm Kit P/N 12530115131
23		1	Gasket, fuel pump	Included in Repair Kit P/N 12530015130 & Gasket, Diaphragm Kit P/N 12530115131
24	12532413930	1	Pump cover	
25	12533413930	1	Screw, idle adjustment	
26	12531013930	1	Screw	
27	12534813930	1	Screw	
28	12535013930	1	Throttle lever	
	12530015130	1	Repair Kit	Includes items 3, 4, 6, 7, 8, 9, 11, 20, 21, 22 & 23
	12535013930	1	Gasket, Diagram Kit	Includes items 3, 4, 22 & 23
30			Carb body	Use Carb Asy, P/N 12520013930



ITEM	PART NUMBER	QTY	DESCRIPTION	REMARKS
	13030213930	1	Cover ass'y, air cleaner	Includes items 1-3
1	13040613930	1	Thumb bolt	
2	13031313930	1	Cover, air cleaner	
3	90070000003	1	E-ring 3	
4	13031013930	1	Air filter	
5	90024204010	3	Screw 4x10 w/W, SW	
6	13040513930	1	Bracket, air filter	
7	13192013930	1	Cushion	
9	13211501461	1	Grommet	
10	13201013931	1	Fuel pipe	
11	13120505830	1	Fuel strainer ¹	
12	13101013930	1	Fuel tank ²	
13	10022313931	1	Cushion	
	13100413930	1	Cap ass'y, fuel tank	Includes items 14-15
14	13101613930	1	Gasket, fuel tank	
15	13101713930	1	Cap, fuel tank	
16	13131400330	1	Check valve ²	
19	90024205050	2	Screw 5x50 w/W, SW	
20	17851013930	1	Choke rod	
21	17851513930	1	Choke shutter	
22	17851603930	1	Spacer	
23	12520013930	1	Carburetor ass'y	
24	13001606430	1	Gasket	
25	13000013930	1	Insulator ³	
26	13001013930	1	Gasket	
27	43700211230	1	Cylinder and plunger	
28	43702002830	3	O-ring	
29	43701902830	1	Coil spring	
30	43700011230		Oiler Asy.	
35	90024204020		Screw	
36	35101013931	1	Top handle	
37	90024204018	4	Screw 4x18 w/W, SW	
38	17809113930	1	Spring, safety lock	
39	90034050018	1	Spring pin 5x18	
40	17809013930	1	Safety lock	
41	35101213930	1	Grip, handle	
42	17801013930	1	Throttle trigger	
43	17801113930	1	Throttle rod	
44	90034050025	1	Spring pin 5x25	
45	17821000230	1	Grommet	
46	89015113930	1	Decal	
47	10024413930	2	Screw	
65	10061413930	1	Plug	
66	43301113930	2	Stud bolt	
67			Guide Bar ⁴	
68			Saw Chain ⁴	
69	43301013930	1	Cover, guide bar	
70	43301903931	2	Flange nut 6	
71	89013713930	1	Decal ECHO	
72	10013011230	1	Snap ring	
73	17501513930	1	Washer	
74	17501203930	1	Needle bearing	
75	17500515330	1	Clutch Drum ⁵	
76	17501411231	1	Washer	
77	17500013930	1	Clutch ass'y	Includes item 80

ITEM	PART NUMBER	QTY	DESCRIPTION	REMARKS
80	17501813930	1	Spring clutch	
78	17530513930	1	Seal plate	
79	17531113930	1	Spacer	
83	14587613930	1	Muffler lid	
84	14586213930	1	Screen	Optional
85	43302000830	2	Locknut 5	
86	90060200005	2	Washer 5	
87	14580513930	1	Muffler	
88	14551013930	1	Gasket, muffler	
89	10101407131	2	Stud bolt	
90	90024204016	5	Screw 4x16 w/W, SW	
91	15662613930	1	Ignition coil	
92	15611413930	1	Grommet	
93	15661313930	1	Cover tube	
94	90024204030	6	Screw 4x30 w/W, SW	
95	10020013030	1	Crankcase set	Includes item 105
95A	10020413930	1	See Ref No. 95	
95B	10020413930		See Ref No. 95	
105	10021503930	2	Knock pin	
96	10021203930	1	Oil seal	
97	10024213930	1	Gasket, Crankcase	
98	13211511130	1	Grommet	
99	43721013930	1	Oil pipe	
100	43620502832	1	Oil strainer	
101	90070200032	1	Circlip 32	
102	90081036201	2	Ball bearing 6201	
103	10010013930	1	Crankshaft ass'y ⁶	
104	10013106520	1	Woodruff key	
106	10021211230	1	Oil seal	
109	10000013931	1	Piston kit	
110	10001315330	1	Wrist pin	
111	10001504630	2	Circlip, piston pin	
112	10001105731	1	Piston ring	
113	10101013931	1	Gasket, cylinder base	
114	10101113930	1	Cylinder	
115	90024245020	4	Screw 5x20 w/W, SW	
116	15901012330	1	Spark plug	
117	15901100510	1	Coil spring, plug cap	
118	15901201620	1	Cap, spark plug	
119	15211705530	2	Spacer	
120	15660113930	1	C.D, Ignition module	
121	90024205022	2	Screw 5x22 w/W, SW	
122	90030020015	1	Slit pin 2x15	
123	90060000002	1	Washer 2	
124	13141000330	1	Felt	
	43600113930	1	Cap ass'y, oil tank	Includes items 125-126
125	90072000016	1	O-ring 16	
126	43601313930	1	Cap, oil tank	
127	17881003330	1	Grommet	
128	12901013930	1	Grommet	
129	12901513930	1	Grommet	
130	13103813930	1	Seal	
131	15680013930	1	Flywheel	
132	90060000008	1	Washer 8	
133	90060500008	1	Spring washer 8	

ITEM	PART NUMBER	QTY	DESCRIPTION	REMARKS
134	90050200008	1	Nut 8	
135	17723413930	2	Return spring, ratchet	
136	17721813930	2	Ratchet	
137	17724704630	2	Spacer	
138	17721713930	2	Screw	
	17720013931	1	Recoil starter ass'y	Includes items 140-147
140	17721404630	1	Washer	
141	90024104010	1	Screw 4x10 w/SW	
142	17721506530	1	Recoil drum	
143	17722606530	1	Rope	
144	17722006530	1	Rewind spring	
145	17722811130	1	Starter handle	
146	17722705330	1	Rope guide	
147	10150713931	1	Fan cover	
148	90024204025	2	Screw 4x25 w/W, SW	
149	89011849330	1	Decal	
150	16340013930	1	Switch	
151	35120513930	1	Front handle	
152	15911213930	1	Clamp	
155	89541043930	1	Wrench w/s, driver	
156	17501513931		Washer	

Footnotes

- 1: See Parts Bullentin 87-1112
- 2: See Parts Bullentin 87-11
- 3: See Bullentin 626
- 4: See Chainsaw Accessories
- 5: See Bullentin Service Bullentin 87-9
- 6: When replacing P/N 10010013930 order one of each P/N 10013903930 (nut) & 17501513931 (washer).



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